

Salmonella enterica subsp. enterica, Strain SL479 (CDC 191) (Serovar Kentucky)

Catalog No. NR-28795

Product Description: *Salmonella enterica* (*S. enterica*) subsp. *enterica* strain SL479 (also referred to as CDC 191), was isolated in 2002 from a human patient in Wisconsin, USA. This strain is reported to be antibiotic susceptible.

Lot¹: 61662342

Manufacturing Date: 17APR2013

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ² Analytical profile index (API [®] 20 E) ³	Report results Report results Consistent with <i>Salmonella</i> spp.	Gram-negative rods Circular, low convex, entire, smooth and gray (Figure 1) Consistent with <i>Salmonella</i> spp.
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1450 base pairs) Riboprinter [®] Microbial Characterization System	Consistent with <i>S. enterica</i> Consistent with <i>S. enterica</i>	Consistent with <i>S. enterica</i> subsp. <i>enterica</i> Consistent with <i>S. enterica</i> subsp. <i>enterica</i> serovar Kentucky
Serogroup Analysis	Report results	Serogroup C ₂ ⁴
Viability (post-freeze)²	Growth	Growth

¹NR-28795 was produced by inoculation of the deposited material into Tryptic Soy broth and incubated 24 hours at 37°C in an aerobic atmosphere.

Broth inoculum was added to kolles, which were incubated for 24 hours at 37°C in an aerobic atmosphere to produce this lot.

²24 hours at 37°C in an aerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood

³Additional serological tests are required to determine *Salmonella* species using API[®] 20 E.

⁴Serovar Kentucky belongs to the C₂-C₃ serogroups, which contain serovar Kentucky in addition to other serovars [Ng, S. P., et al. "Detection and Serogroup Differentiation of *Salmonella* spp. in Food within 30 Hours by Enrichment-Immunoassay with a T6 Monoclonal Antibody Capture Enzyme-Linked Immunosorbent Assay." *Appl. Environ. Microbiol.* 62 (1996): 2794-2302. PubMed: 8779567.]

Figure 1



Date: 07 NOV 2013

Signature:

Title:

Technical Manager, BEI Authentication or designee

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